



PTO/SB/08A (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known

Application Number	10/816,153
Filing Date	APRIL 1, 2004
First Named Inventor	Frank P. Uckert et al.
Group Art Unit	1752
Examiner Name	Unknown
Attorney Docket Number	PE0669USDIV1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
/		US - 4,508,839		04-02-1985	Camps et al.	
		US - 5,621,131A		04-15-1997	Kreuder et al.	
		US - 5,770,070A		07-07-1998	Inasekaran et al.	
		US - 5,814,244A		09-29-1998	Kreuder et al.	
		US - 5,821,002A		10-13-1998	Ohnishi et al.	
		US - 5,856,434A		01-05-1999	Stern et al.	
		US - 5,862,831A		10-05-1999	Woo et al.	
		US - 5,900,327A		05-04-1999	Pel et al.	
		US - 5,998,045A		12-07-1999	Chen et al.	
		US - 6,204,515 B1		03-20-2001	Barnius et al.	
		US - 6,309,763 B1		10-30-2001	Woo et al.	
		US - 6,353,083 B1		03-05-2002	Inbasekaran et al.	
		US - 6,541,602 B1		04-01-2003	Spreitzer et al.	
		US - 6,653,438 B1		11-25-2003	Spreitzer et al.	
		US - 6,805,373 B1		08-12-2003	Woo et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₀
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
/			EP 0 259 229 B1	09-02-1987	Makromolekulare Chemie		<input type="checkbox"/>
			EP 0 956 312 B1	01-29-1998	JSR Corporation		<input type="checkbox"/>
			WO 01/07502 A2	02-01-2001	Cambridge Display Techn		<input type="checkbox"/>
			WO 00/53658 A1	09-14-2000	Cambridge Display Techn		<input type="checkbox"/>
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Examiner Signature

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Date Considered

6/5/06

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2

of 2

Complete if Known

Application Number	10/818,153
Filing Date	April 1, 2004
First Named Inventor	Frank P. Uckert et al.
Group Art Unit	1752
Examiner Name	Unknown
Attorney Docket Number	PE0688USDIV1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
LC		DE 19846767, Partially conjugated polymer useful as an organic semiconductor or an electroluminescence material, and for display elements in television monitor and illumination technology contains fluorene building units, Abstract, 06-13-2000, Aventis Res & Technologies GmbH	<input type="checkbox"/>
		JP 2000319272, (Diarylamino) furan analogues with improved stability, useful pharmaceutical intermediates and electron hole transport or photosensitive materials, Abstract, 04-21-2001, Tosoh Corp	<input type="checkbox"/>
		JP 08157575, Carrier transport polymers – useful as carrier transport materials in organic thin film electroluminescence devices, Abstract, 10-25-1998, Toppan Printing Co. Ltd.	<input type="checkbox"/>
		JP 2000143778, Display element such as cathode ray tube and light emitting diode, comprises specified light emitting compound as color developing materials, Abstract, 10-06-2000, Samsung Denkan KK	<input type="checkbox"/>
		JP 10273522, Production of phenylene group-containing copolymers – comprises copolymerizing phenylene group-containing compounds in presence of catalysts containing transition metal compounds, Abstract, 01-13-1999, Nippon Gosei Gomu KK	<input type="checkbox"/>
		JP 10273521, Production of phenylene group-containing copolymers – comprises copolymerizing phenylene group-containing compounds in presence of catalysts containing transition metal compounds, Abstract, 12-23-1999, Nippon Gosei Gomu KK	<input type="checkbox"/>
		JP 03028220, Electrochromic elements for display or optical shield glass – contg. film of polyphenylene polymer derived from fluorene, Abstract, 09-28-1993, Idemitsu Kosan Co. Ltd.	<input type="checkbox"/>
		JP 03017120, Polyphenylene polymers used as conductive material or display material are produced by chemical or electrochemical-oxidative polymerizing of specified fluorene derive, Abstract, 08-28-1993, Idemitsu Kosan Co. Ltd.	<input type="checkbox"/>
		JP 02289734, New polyphenylene-type polymer prepd. By oxidn. Polymerization of fluorene derive., Abstract, 08-28-1993, Idemitsu Kosan Co. Ltd.	<input type="checkbox"/>
LC		KR 99057430, Fluorene-based alternating statistical copolymer containing multi-luminescence groups and electroluminescence device using the same, Abstract, 07-15-1999, Korea Adv Inst Sci & Technology	<input type="checkbox"/>
			<input type="checkbox"/>

Examiner
SignatureDate
Considered

6/2/06

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete If Known

Application Number 10/139,002 OK
Filing Date MAY 3, 2002
First Named Inventor FRANK P. UCKERT ET AL.
Group Art Unit 1713
Examiner Name UNKNOWN
Attorney Docket Number PE0669 US NA

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LE		US - 5,708,130 A	01/13/1998	WOO ET AL.	
LE		US - 5,800,327 A	05/04/1999	PEI ET AL.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
LE		WO 99/54943 A1	10/28/1999	DOW CHEMICAL CO.		<input type="checkbox"/>
LE		WO 00/55927 A1	09/21/2000	CAMBRIDGE DISPLAY TECHNOLOGY LTD		<input type="checkbox"/>
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Signature

[Signature]

Date
Considered

6/5/06

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Sheet	1	of	1
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Application Number	10/139,002 OK
Filing Date	MAY 3, 2002
First Named Inventor	FRANK P. UCKERT ET AL
Group Art Unit	1713
Examiner Name	UNKNOWN
Attorney Docket Number	PE0689 US NA

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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP §01.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2

of

2

Complete if Known

Application Number	10/139,002 OK
Filing Date	MAY 3, 2002
First Named Inventor	FRANK P. UCKERT ET AL.
Group Art Unit	1713
Examiner Name	UNKNOWN
Attorney Docket Number	PE0669 US NA

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
lc		COWELL, ALLAN B. ET AL., Fluoroalkylation of Aromatic Compounds, Journal of Fluorine Chemistry, 17, 1981, 345-358, Elsevier Sequoia S.A., Lausanne, The Netherlands	<input type="checkbox"/>
lc		KAMIGATA, NOBUMASA ET AL., Direct Perfluoroalkylation of Aromatic and Heteroaromatic Compounds with Perfluoroalkanesulfonyl Chlorides Catalysed by a Ruthenium (II) Phosphine Complex, J. Chem. Soc. Perkin Trans., 1, 1994, 1339-1348	<input type="checkbox"/>
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Date
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